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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/725,527

12/03/2003

Kazumi Suga

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EXAMINER

IDOWU, OLUGBENGA O

ART UNIT

PAPER NUMBER

2425

MAIL DATE

DELIVERY MODE

03/16/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/725,527	Applicant(s) SUGA, KAZUMI	
	Examiner OLUGBENGA O. IDOWU	Art Unit 2425	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 December 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 4 and 10 - 13 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 4 and 10 - 13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1, 4, 10 - 13 have been considered but are moot in view of the new ground(s) of rejection.

In response to applicant's arguments about Ihara(090) not having two print modes, the examiner would like to refer the applicant to col. 12 and 13. These columns talk about a first and a second mode. Col. 12, lines 39 – 50 specifically talk about a first and second mode. It talks about the modes having different printing settings.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 4, 10 - 13 rejected under 35 U.S.C. 103(a) as being unpatentable over Ihara, patent number: US 6 925 509 B2 in view of Ihara, patent number: US 7 139 090 B1 in further view of Livingston, patent number: US 6 614 454 B1.

As per claims 1 and 10, Ihara (509) teaches a television broadcast receiving apparatus and method comprising:

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a receiving unit for receiving television broadcasting waves transmitted in a way that multiplexes program information together with plural pieces of program data (STB receiving signals, col. 6, lines 17 - 23);

a determination unit for determining a number of accessible channels which are accessible by said television broadcast receiving apparatus among the received television broadcasting waves, on the basis of the received program data (STB receiving EPG data, col. 6, lines 10 – 14, STB presenting the EPG based on the received EPG data);and

a print mode for printing the program information of the accessible channels, wherein the print mode, all of the accessible channels are printed without fixedly designating the number of pages (printing, col. 6, lines 10 - 16); and

a print control unit for converting the program information received by said receiving unit into data for printing, and outputting program information to a printer (sending information to printer, col. 6, lines 10 - 16),

Wherein said print control unit determines a page layout of the printed program information according to the number of accessible channels determined by said determination unit (printing layout and information, col. 6, lines 44 – 48, 56 - 59).

Ihara (509) does not teach two print modes and a selection unit for selecting one of (i) a first print mode for printing program information of each program on a predetermined number of pages

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In an analogous art, Ihara (090) teaches a selection unit for selecting one of two print modes (two print modes, col. 12, lines 39 - 50)

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ihara (509) by including a system with multiple print modes as described in Ihara (090), for the advantages of providing multiple printing options that will suit the user in different scenarios.

The combination of Ihara (509) and (090) do not teach a print mode for printing wherein in the print mode all data is printed within a fixedly designated number of pages.

In an analogous art, Miller teaches a print mode for printing wherein in the print mode all data is printed within a fixedly designated number of pages (fitting document to one page, col. 3, lines 15 – 34, col. 4, lines 4 - 24)

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the combination of Ihara(509) and Ihara (020) by including a printing system that allows to specify amount of pages to be printed on as described in Miller's printing system, for the advantage of conserving resources and increasing accessibility to EPGs.

As per claims 4 and 11, the combination of Ihara (509), Ihara (090) and Miller teach wherein said print control unit determines, in the first print mode. a font size for the program information in accordance with the number of accessible channels determined

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by said determination unit and with size information of paper used by said printer (Ihara (509): determining font size col. 6, lines 44 – 48, printing, col. 6, lines 56 - 59).

As per claims 12 and 13, the combination of Ihara (509), Ihara (090) and Miller teach wherein the print control step involves determining, in the first print mode, a print width of each of the accessible channels according to the number of accessible channels determined in said determination step, such that all of the accessible channels are printed within the fixedly designated number of pages(Ihara (509): printing EPG in form of a table col. 6, lines 29 – 31,Miller: fitting document to one page, col. 3, lines 15 – 34, col. 4, lines 4 - 24).

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUGBENGA O. IDOWU whose telephone number is (571)270-1450. The examiner can normally be reached on Monday to Friday, 7am - 5pm Est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Pendelton can be reached on 571 272 7527. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Olugbenga O Idowu/
Examiner, Art Unit 2425

/Brian T. Pendleton/
Supervisory Patent Examiner, Art Unit 2425